



DEPARTMENT OF TRANSPORTATION FEDERAL AVIATION ADMINISTRATION SPECIFICATION

PLAN VIEW DISPLAY DEFLECTION AMPLIFIER INPUT GASKET

1. SCOPE

1.1 Scope.- This specification sets forth the requirements for a synthetic rubber or rubber-like gasket to be utilized as an air seal in Plan View Display (PVD) equipment.

2. APPLICABLE DOCUMENTS

2.1 FAA Drawing.- The following FAA Drawing, dated as specified, form a part of this specification and is applicable as specified herein:

<u>Drawing Number</u>	<u>Date or Date of Latest Revision</u>	<u>Title</u>
D-6031-4	1-8-74	PVD Deflection Amplifier Input Gasket

(Copies of this Drawing may be obtained from the contracting officer in the Federal Aviation Administration office issuing the invitation for bids. Requests should fully identify the material desired, i.e., drawing, number and date. Request should cite the invitation for bids.)

2.2 Other Publications.- The following publication of the issue in effect on the date of the invitation for bids forms a part of this specification:

ASTM D 1056	Standard Specification for Sponge and expanded Cellular Rubber Products
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3. REQUIREMENTS

3.1 Gasket to be furnished by contractor.- The contractor shall fabricate a mold for the gasket and furnish gaskets as shown on FAA Drawing D-6031-4. The mold shall become the property of the Government at the completion of the contract and is a deliverable item of the contract.

3.2 Material.- Material for the gasket shall be sponge synthetic rubber or rubber-like material. It shall not be natural rubber or reclaimed rubber. Material shall conform to those listed in ASTM Specification D-1056 and satisfy the compression deflection of 25 per cent deflection at 2 to 5 pounds per square inch.

3.2 Government furnished material.- The contractor shall be furnished the back cover from a PVD chassis onto which the gasket will be set. It is required that this cover be returned undamaged to the contracting officer at the time of first run gasket approval (see paragraph 4.3).

4. QUALITY ASSURANCE PROVISIONS

4.1 Material utilized.- Contractor shall furnish certified test data on the gasket material that it meets the requirements of ASTM D 1056, as stated in paragraph 3.2 of this specification.

4.2 Mold.- Contractor shall submit fabrication drawings of the mold to be utilized for the gasket for review and approval.

4.3 First run.- The contractor shall provide the first five gaskets produced from the mold for inspection and approval before proceeding with the remainder of the gasket production.

4.4 Tolerances.- Tolerances on dimensions for the gasket shall conform to Table 4, Tolerances on Dimensions of Cellular Rubber Products for General applications, of ASTM D 1056.

5. PREPARATION FOR DELIVERY

5.1 General.- The contractor shall be solely responsible for protecting, preserving, packing and marking all gaskets for delivery.

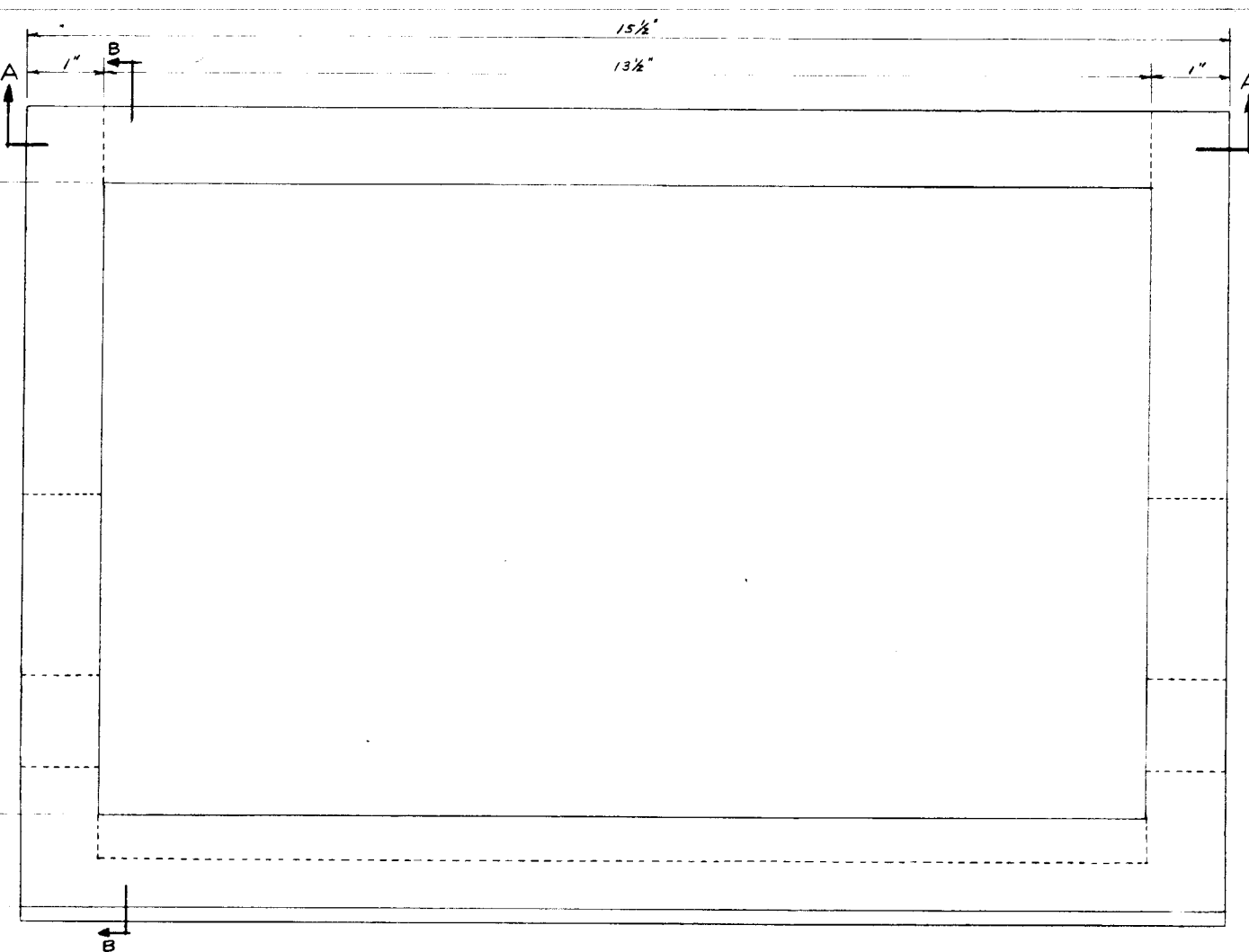
5.2 Quantity per unit pack.- Each package shall contain twelve (12) gaskets.

6. NOTES

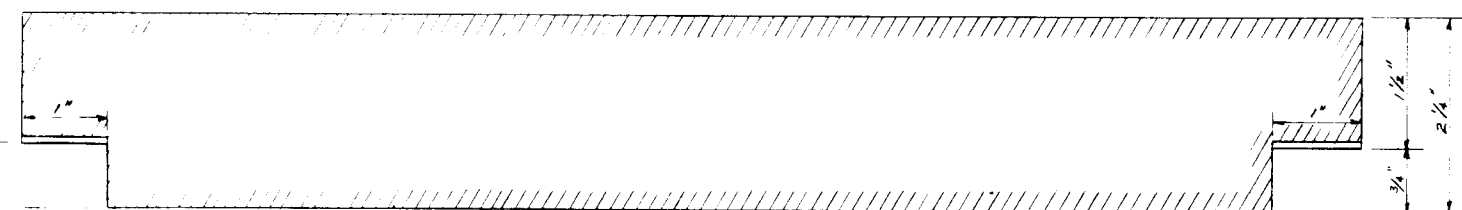
6.1 None

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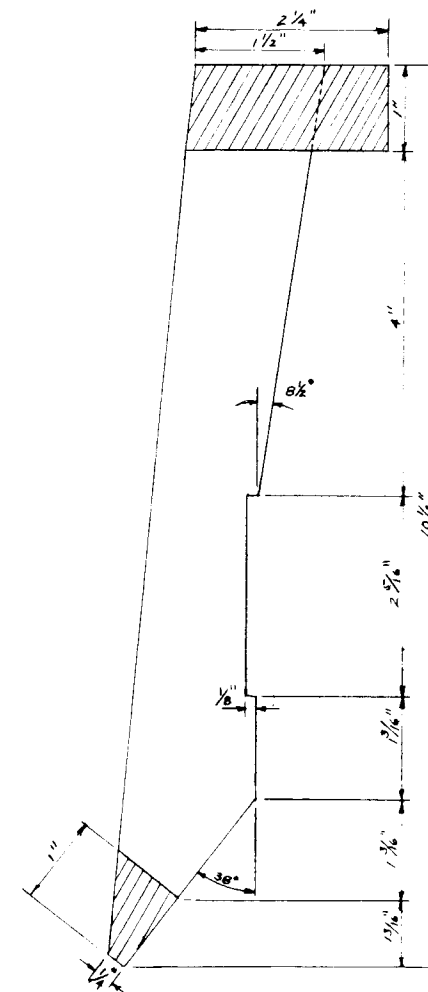
ATTACHMENT - Drawing D-6031-4



PLAN



SECTION A-A



SECTION B-B

NOTES:

1. GASKETS SHALL BE MOLDED.
2. MATERIAL SHALL BE SPONGE SYNTHETIC RUBBER OR RUBBER LIKE MATERIAL. IT SHALL CONFORM TO ASTM SPEC. D 1056 AND SATISFY COMPRESSION DEFLECTION OF 25% DEFLECTION AT 2 TO 5 POUNDS PER SQUARE INCH.

REVLT	DATE	DESCRIPTION	CHECKED	APPROVED
DEPARTMENT OF TRANSPORTATION FEDERAL AVIATION ADMINISTRATION WASHINGTON, D.C. 20591				
PVD DEFLECTION AMPLIFIER INPUT GASKET				
REVIEWED BY	SUBMITTED BY	APPROVED BY		